

ABSTRACT OF THE DISCLOSURE

A cellulose acetate solution is filtrated with a filter medium formed of cellulose fiber. Hydroxyl groups on the filter medium are substituted to other functional groups. An acidic
5 material is added to the cellulose acetate solution, and the filtration is preformed. In order to estimate the hydrogen ion concentration of the organic solvent, a sample solvent of thereof is mixed with water so as to transport hydrogen ions from the sample solvent to the water of a predetermined volume.
10 Then the water is separated from the sample solvent, and the pH value of the water is measured with a pH meter. The result of the measurement is regarded as the pH value of the organic solvent.